

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094113.D
 Acq On : 1 Apr 2017 1:22
 Operator : SJ/MA
 Sample : I2463-08 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-12-13-BASE

Quant Time: Apr 01 02:16:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	190375	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	732074	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	305977	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	464175	20.00	ng	0.00
75) Chrysene-d12	14.63	240	317307	20.00	ng	0.00
86) Perylene-d12	16.26	264	310507	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.43	112	544680	48.32	ng	0.00
7) Phenol-d6	5.50	99	682089	48.92	ng	0.00
23) Nitrobenzene-d5	6.55	82	395153	30.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	86764	35.88	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	735138	36.65	ng	-0.01
78) Terphenyl-d14	13.34	244	384947	27.19	ng	0.00

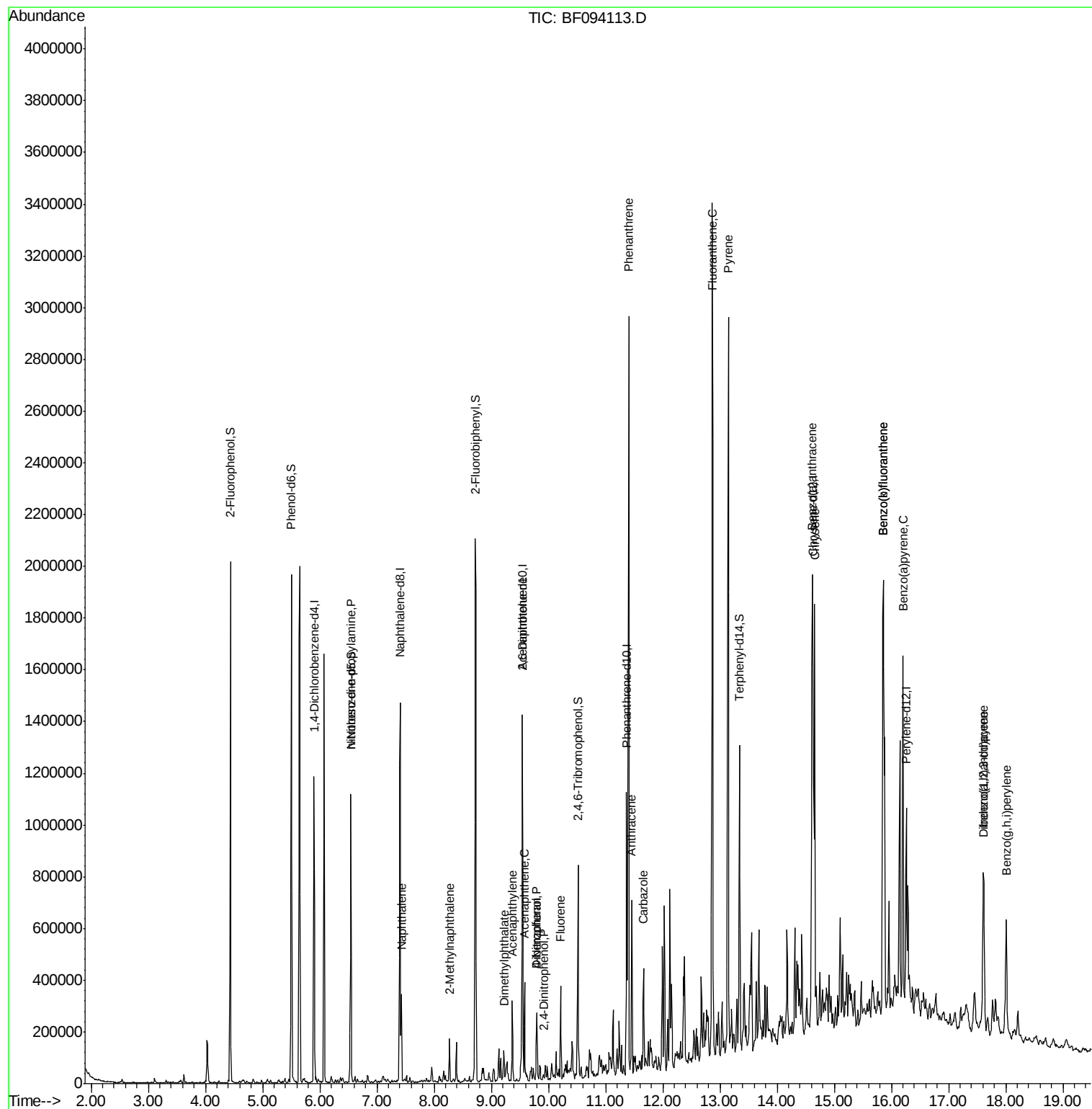
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	6.55	70	51136	5.71	ng	# 76
31) Naphthalene	7.43	128	145305	4.13	ng	99
37) 2-Methylnaphthalene	8.27	142	48294	2.06	ng	95
48) Acenaphthylene	9.37	152	127152	3.96	ng	98
49) Dimethylphthalate	9.22	163	48556	2.23	ng	98
50) 2,6-Dinitrotoluene	9.55	165	41977	8.42	ng	# 34
51) Acenaphthene	9.58	154	77019	4.11	ng	97
53) 2,4-Dinitrophenol	9.90	184	109	4.70	ng	# 4
54) Dibenzofuran	9.79	168	101271	3.97	ng	97
55) 4-Nitrophenol	9.79	139	38250	8.34	ng	# 28
57) Fluorene	10.22	166	89751	4.24	ng	99
70) Phenanthrene	11.40	178	1286934	49.84	ng	99
71) Anthracene	11.46	178	293855	11.05	ng	97
72) Carbazole	11.66	167	158415	5.81	ng	98
74) Fluoranthene	12.87	202	1624434	61.44	ng	99
77) Pyrene	13.14	202	1414267	61.41	ng	99
80) Benzo(a)anthracene	14.62	228	736222	39.79	ng	98
82) Chrysene	14.66	228	726433	42.31	ng	97
85) Indeno(1,2,3-cd)pyrene	17.61	276	372949	25.08	ng	94
87) Benzo(b)fluoranthene	15.86	252	1300549	68.33	ng	97
88) Benzo(k)fluoranthene	15.86	252	1300549	69.84	ng	97
89) Benzo(a)pyrene	16.20	252	633094	36.12	ng	99
90) Dibenzo(a,h)anthracene	17.62	278	101002	6.80	ng	94
91) Benzo(g,h,i)perylene	18.01	276	321924	21.52	ng	97

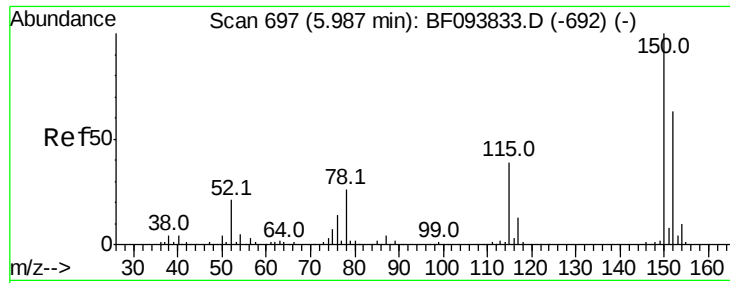
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

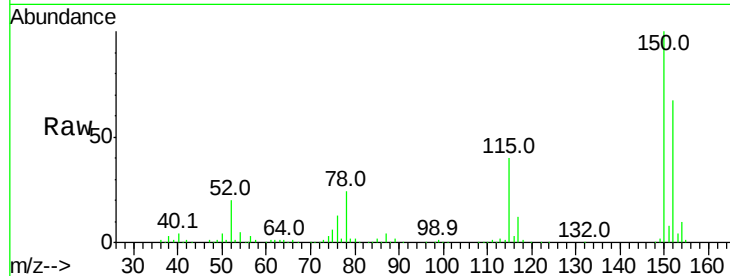
Tot Ion:152 Resp: 190375

Ion Ratio Lower Upper

152 100

150 150.0 126.2 189.2

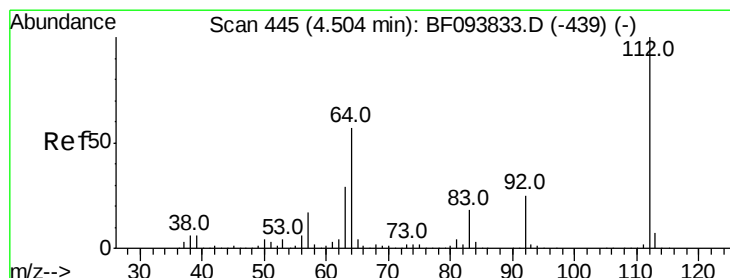
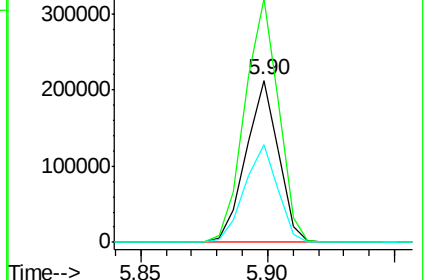
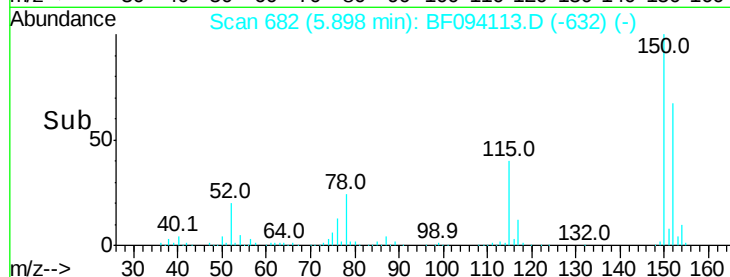
115 59.8 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 48.32 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

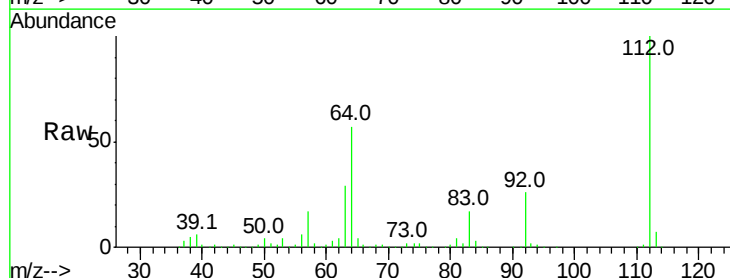
Tgt Ion:112 Resp: 544680

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

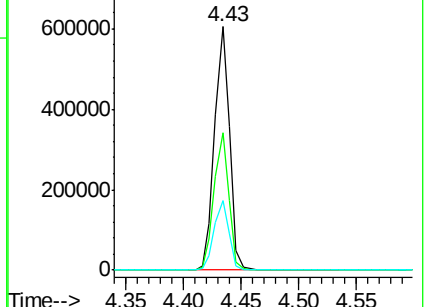
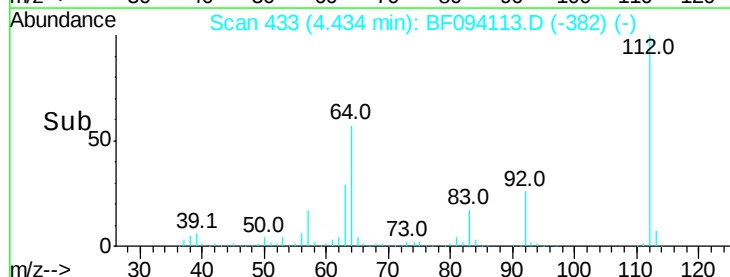
63 28.5 23.4 35.0

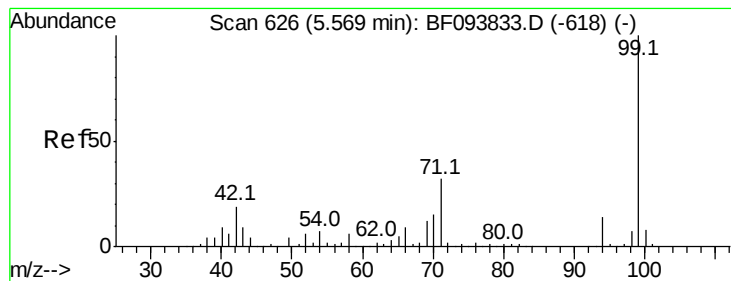


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.92 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

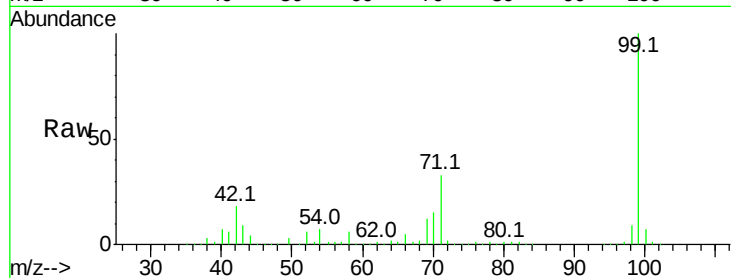
Tot Ion: 99 Resp: 682089

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

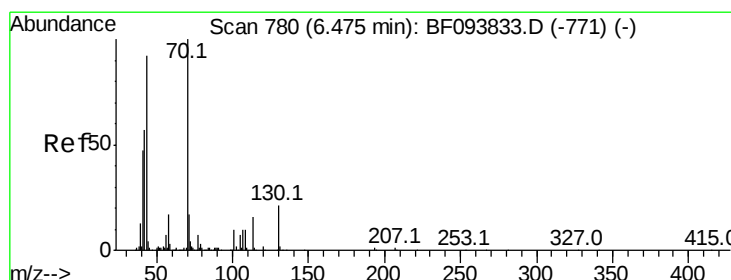
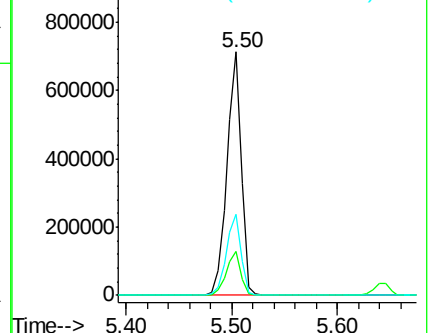
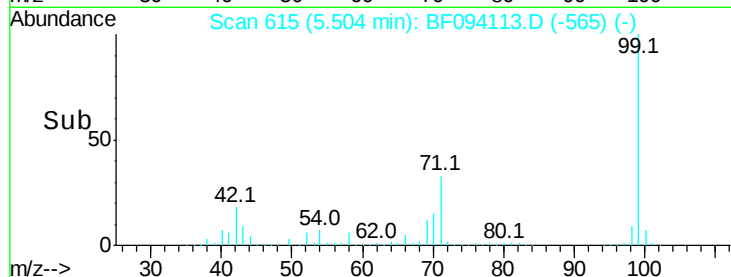
71 33.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 5.71 ng

RT: 6.55 min Scan# 792

Delta R.T. 0.15 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Tgt Ion: 70 Resp: 51136

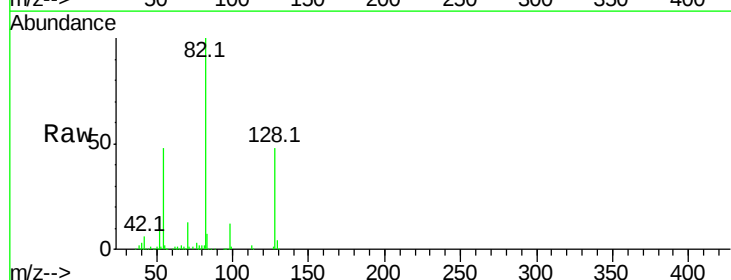
Ion Ratio Lower Upper

70 100

42 45.2 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

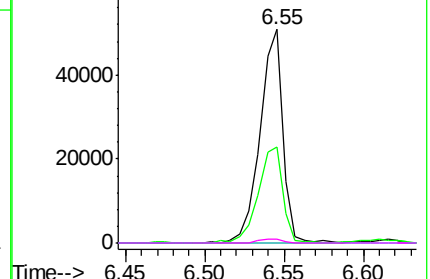
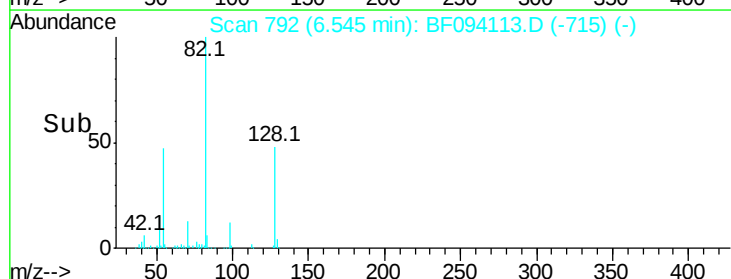


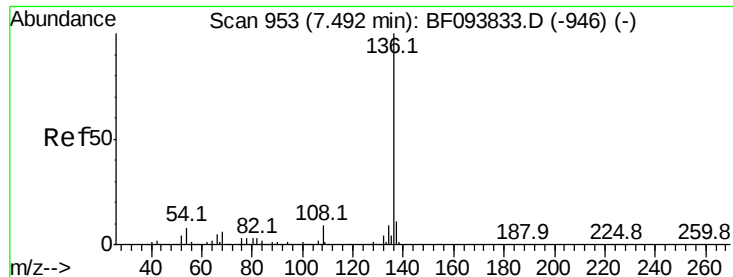
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

Tot Ion:136 Resp: 732074

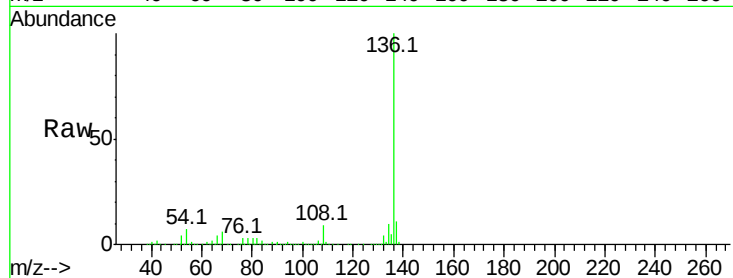
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

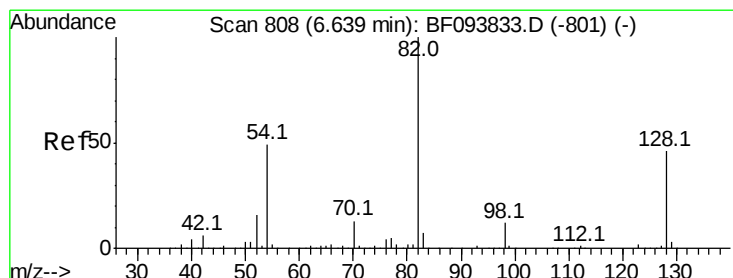
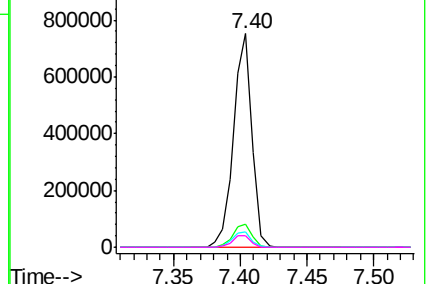
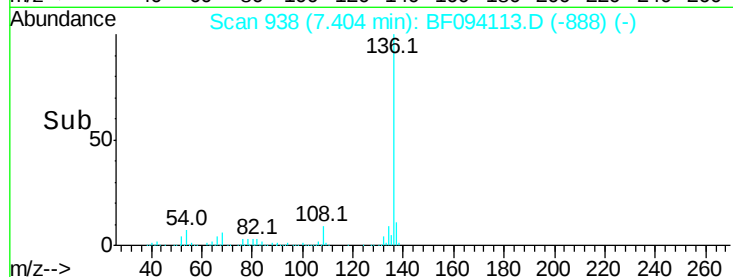


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 30.80 ng

RT: 6.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

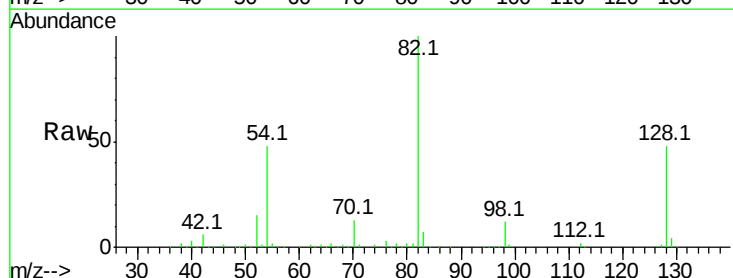
Tgt Ion: 82 Resp: 395153

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

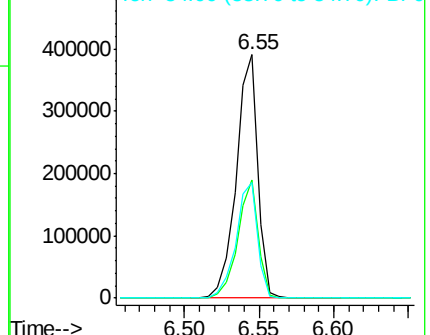
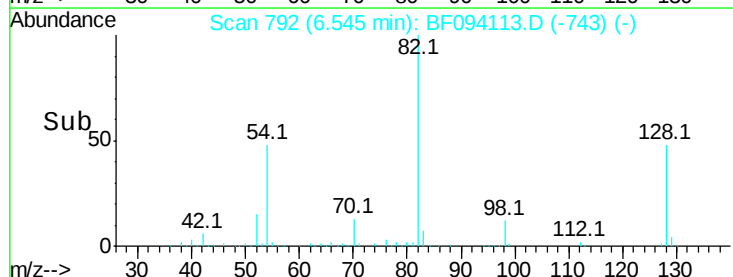
54 47.6 42.2 63.2

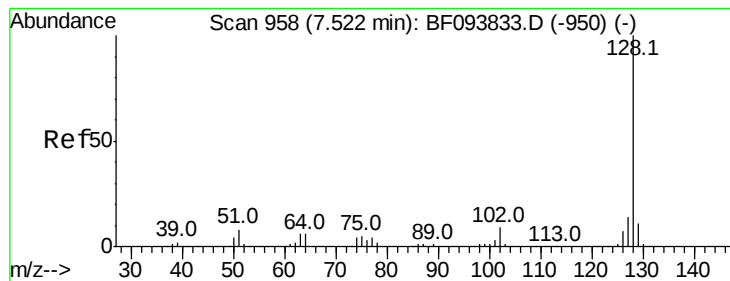


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.13 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

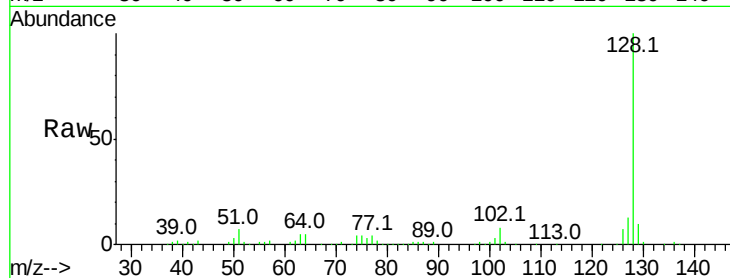
Tot Ion:128 Resp: 145305

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.6

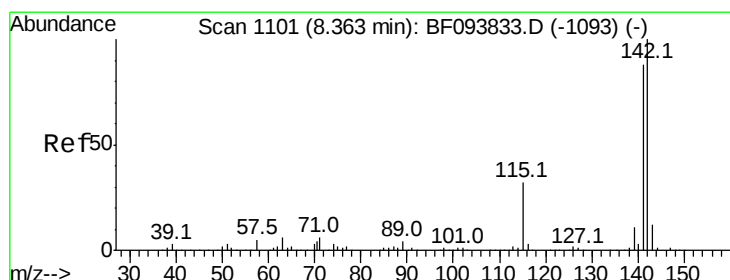
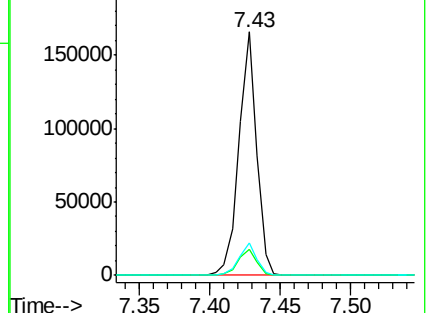
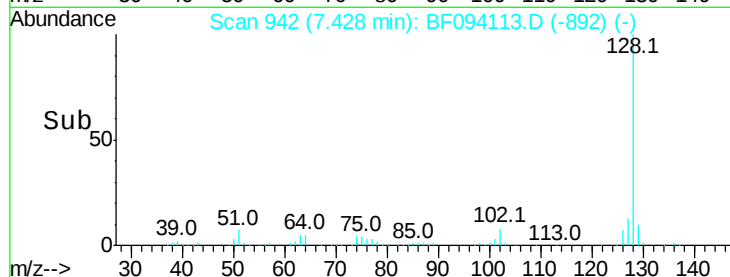
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.06 ng

RT: 8.27 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

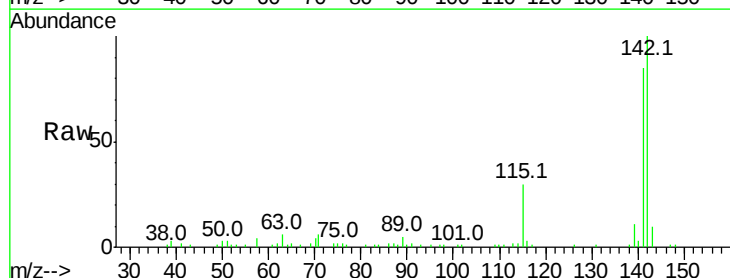
Tgt Ion:142 Resp: 48294

Ion Ratio Lower Upper

142 100

141 85.3 71.3 106.9

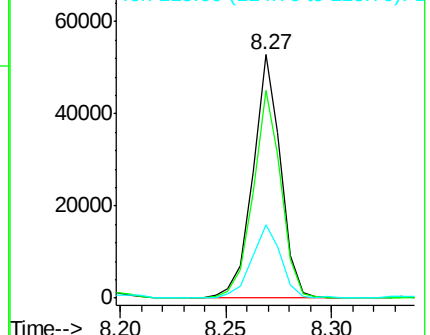
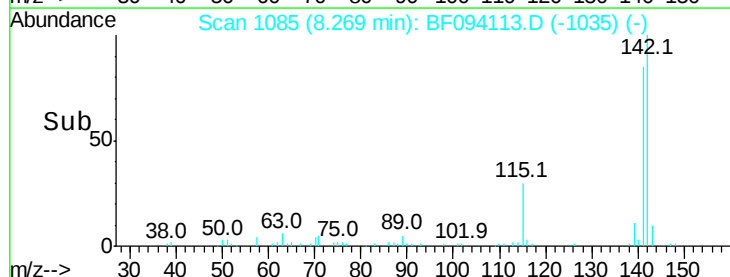
115 30.1 27.1 40.7

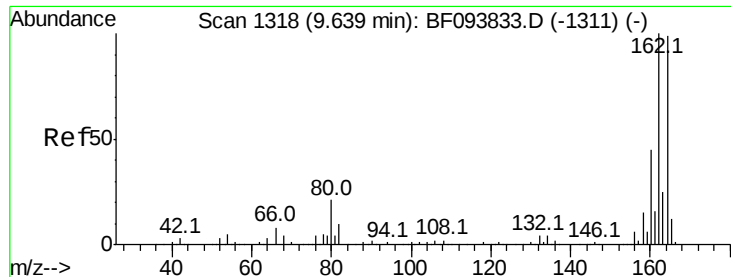


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

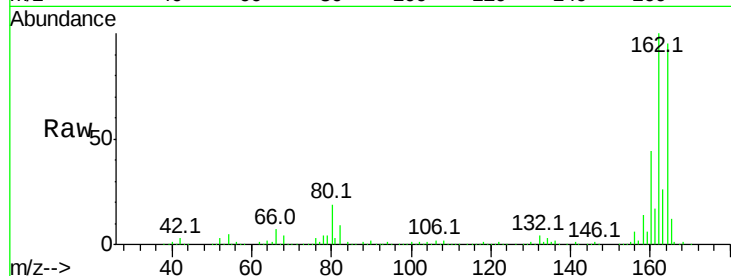




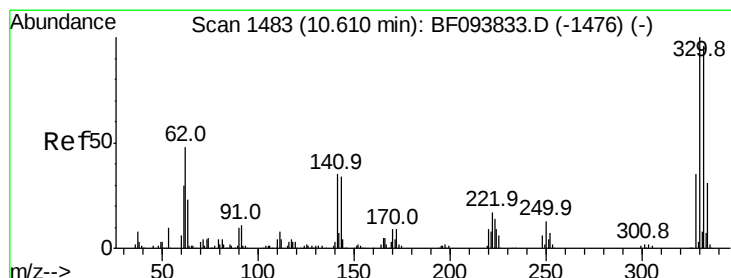
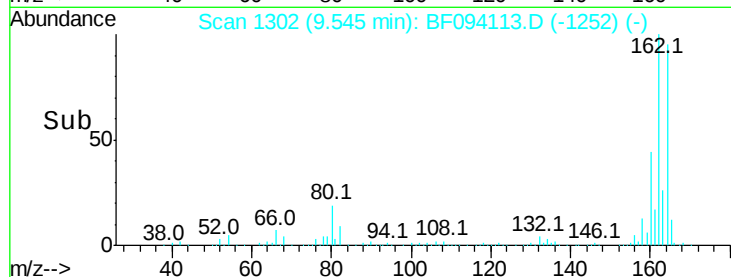
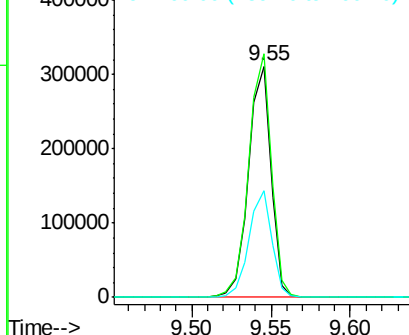
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Instrument :
 BNA_F
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 E2-Q-P-12-13-BASE

Tot Ion:164 Resp: 305977
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 46.3 36.2 54.2

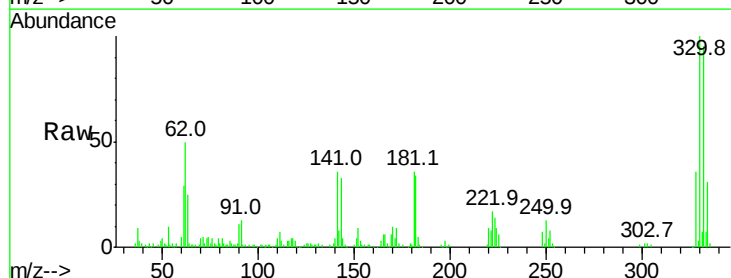


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

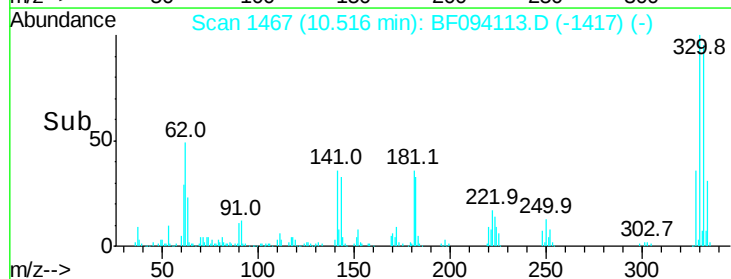
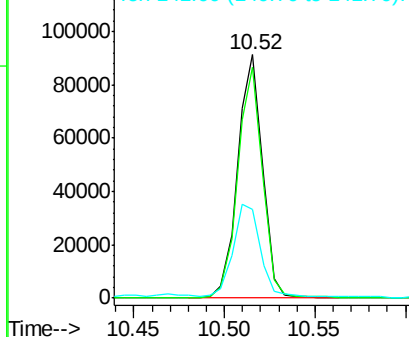


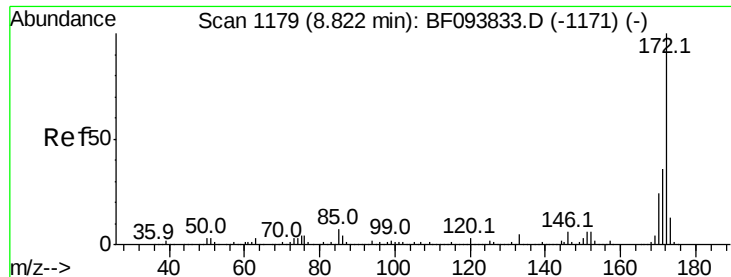
#41
 2,4,6-Tribromophenol
 Concen: 35.88 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Tgt Ion:330 Resp: 86764
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 41.4 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

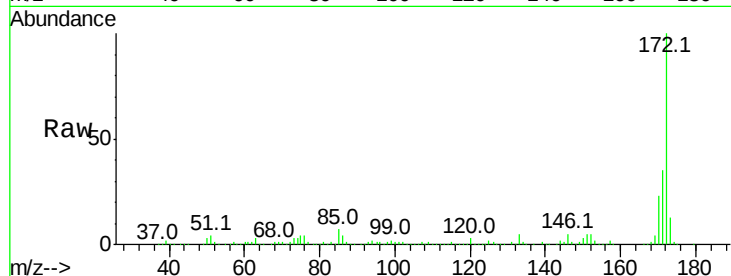




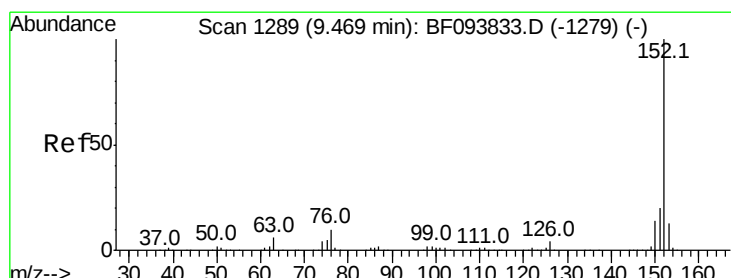
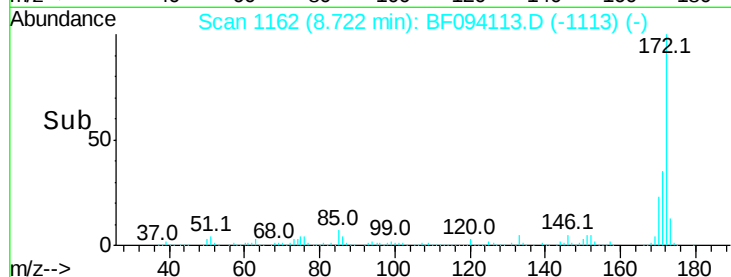
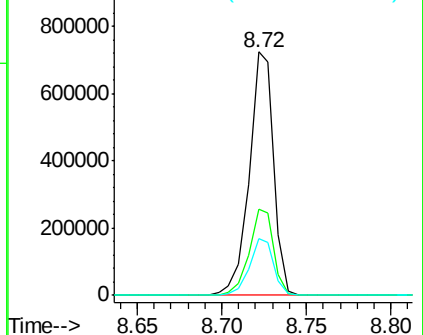
#44
 2-Fluorobiphenyl
 Concen: 36.65 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-12-13-BASE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.8	29.8

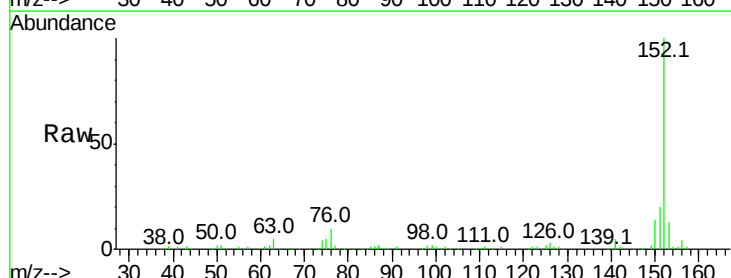


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

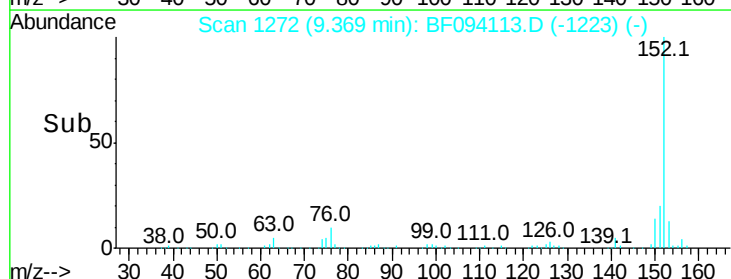
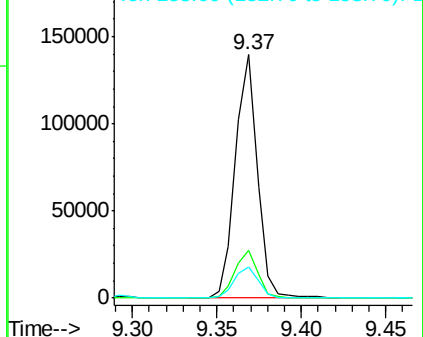


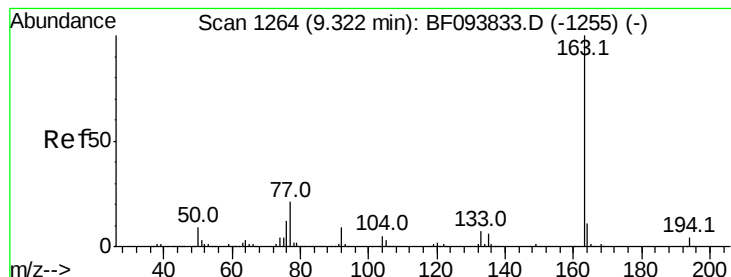
#48
 Acenaphthylene
 Concen: 3.96 ng
 RT: 9.37 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.0	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 2.23 ng

RT: 9.22 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

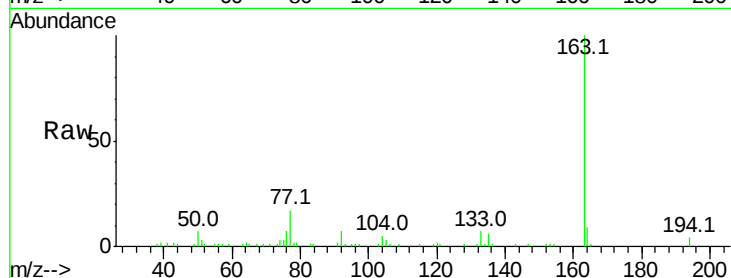
Tot Ion:163 Resp: 48556

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

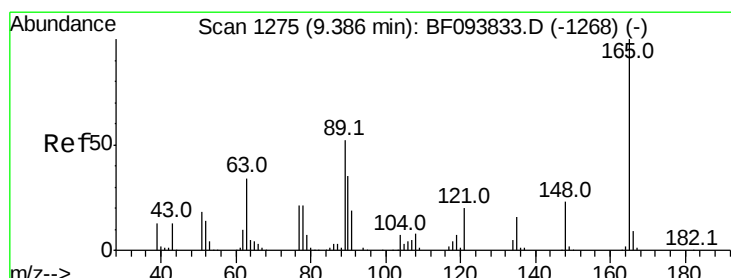
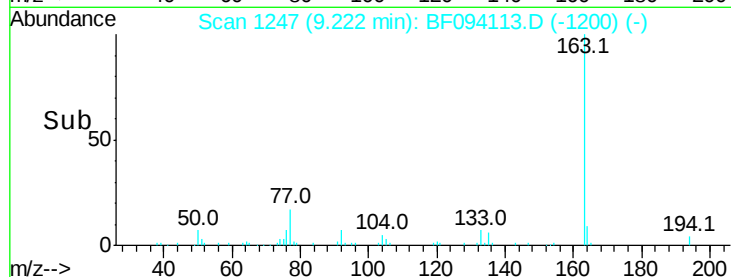
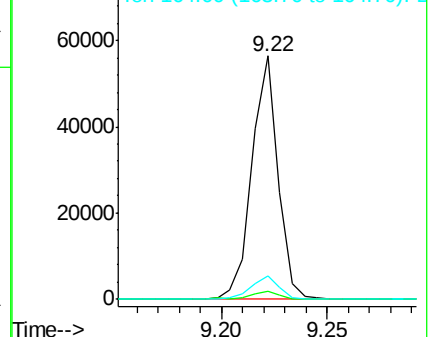
164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.42 ng

RT: 9.55 min Scan# 1302

Delta R.T. 0.24 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

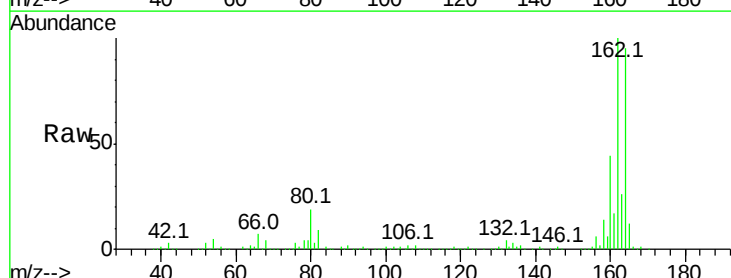
Tgt Ion:165 Resp: 41977

Ion Ratio Lower Upper

165 100

63 2.2 34.3 51.5#

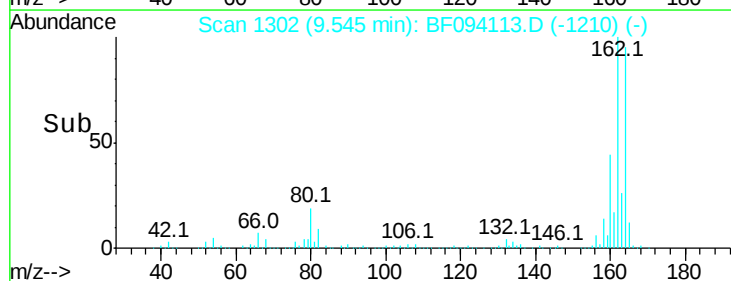
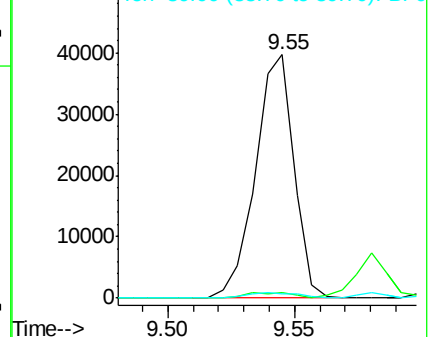
89 1.6 37.1 55.7#

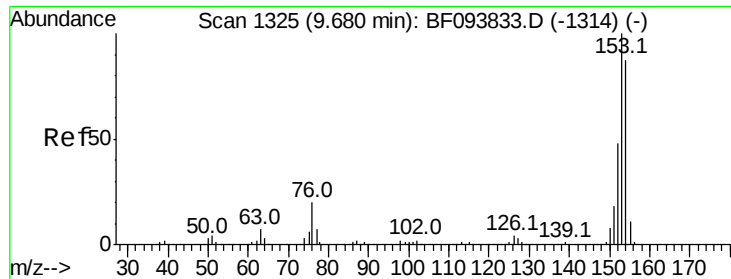


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.11 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

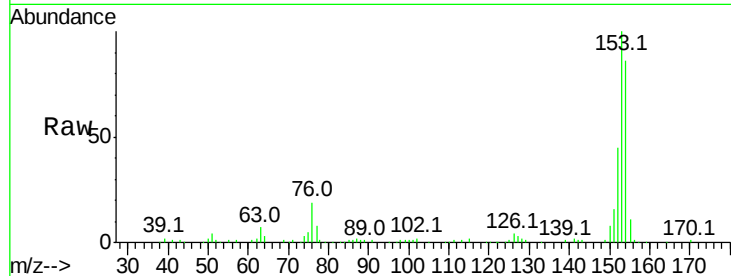
Tot Ion:154 Resp: 77019

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

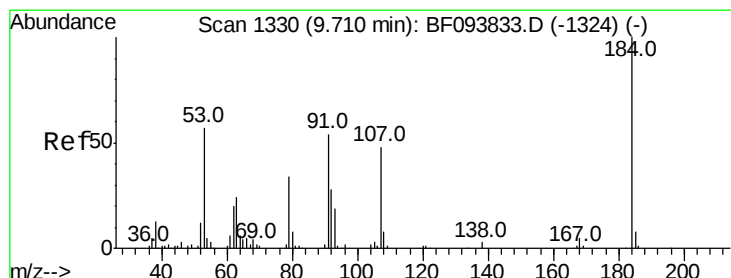
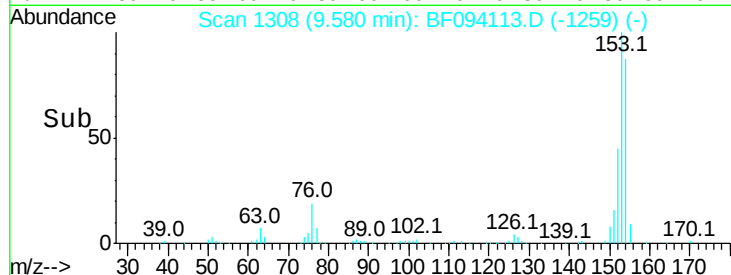
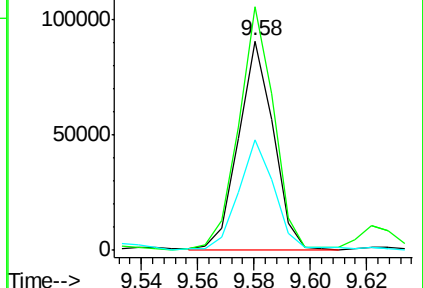
152 52.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 4.70 ng

RT: 9.90 min Scan# 1363

Delta R.T. 0.26 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

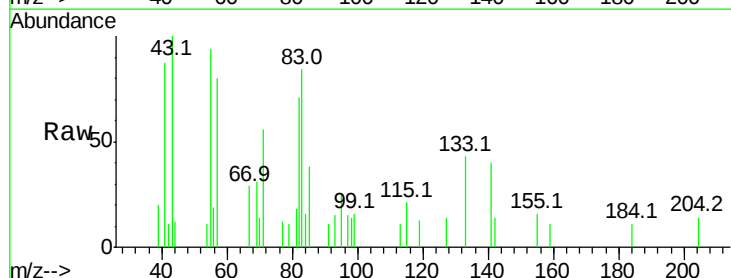
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 0.0 62.7 94.1#

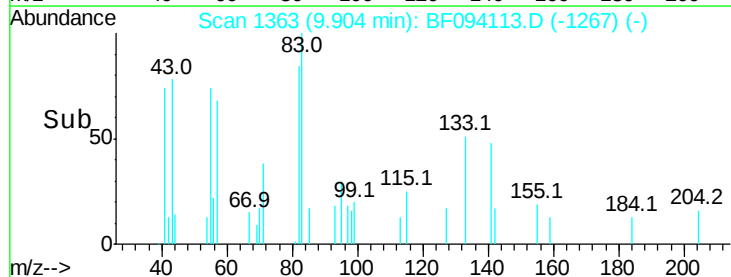
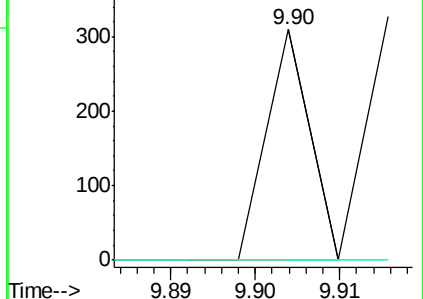
154 0.0 81.1 121.7#

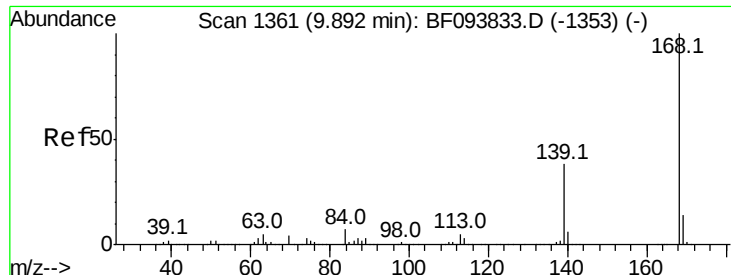


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

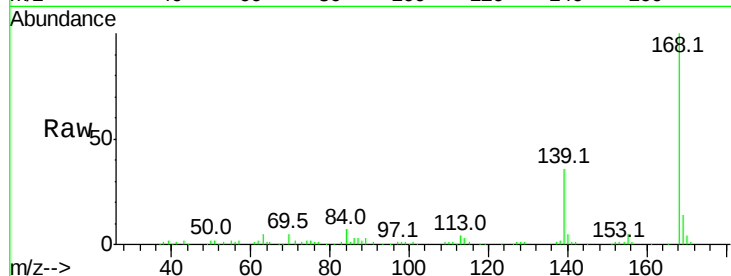




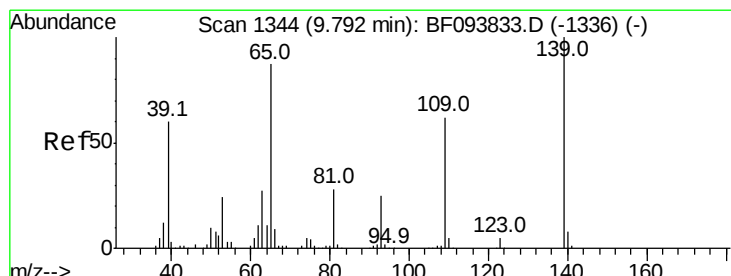
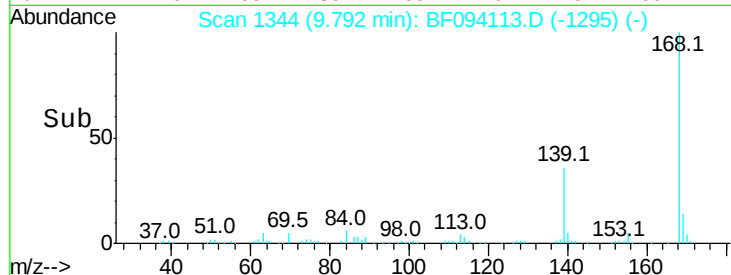
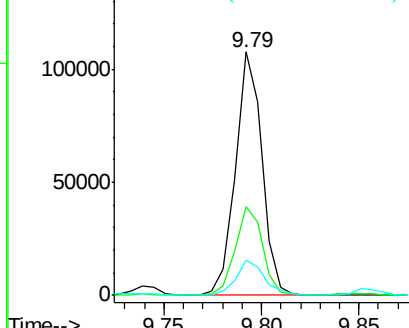
#54
Dibenzofuran
Concen: 3.97 ng
RT: 9.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tot Ion:168 Resp: 101271
Ion Ratio Lower Upper
168 100
139 36.4 30.6 45.8
169 14.4 10.8 16.2

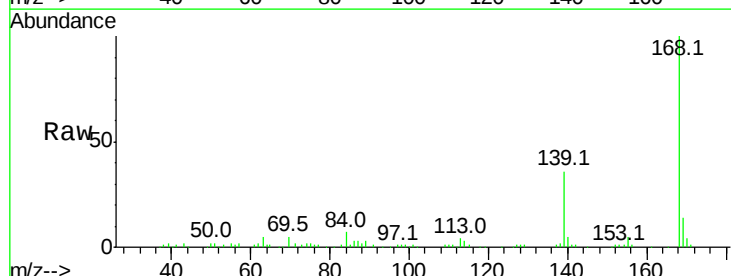


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

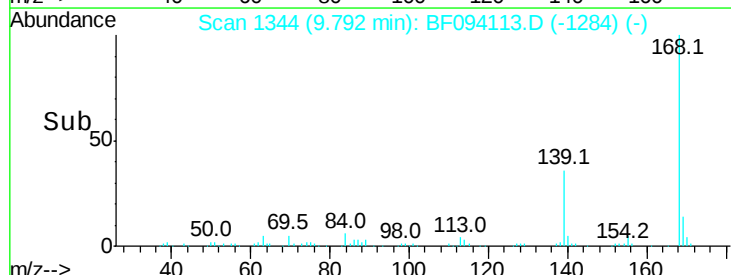
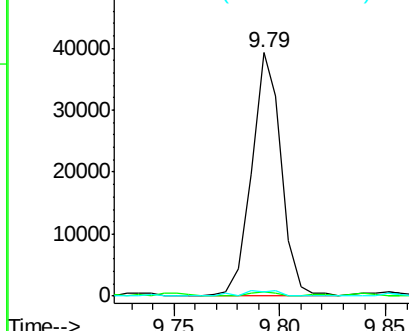


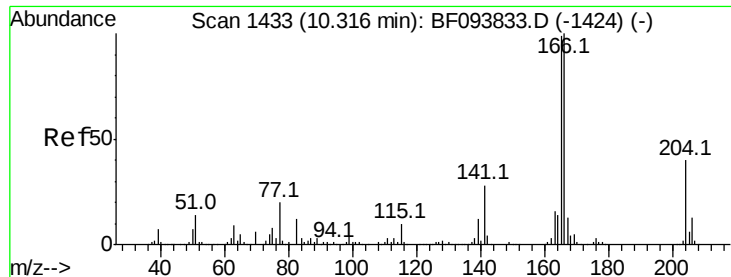
#55
4-Nitrophenol
Concen: 8.34 ng
RT: 9.79 min Scan# 1344
Delta R.T. 0.05 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:139 Resp: 38250
Ion Ratio Lower Upper
139 100
109 1.5 34.1 74.1#
65 1.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

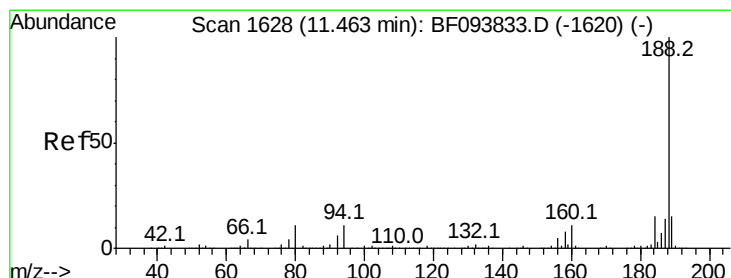
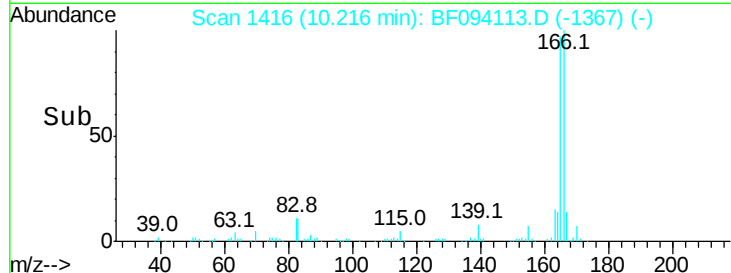
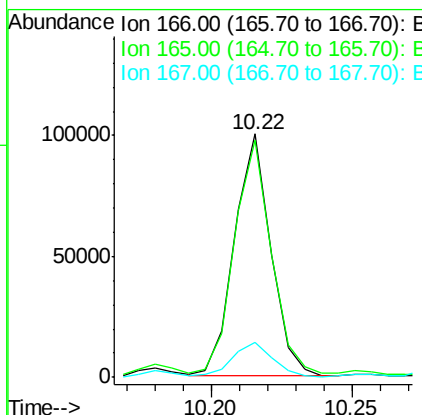
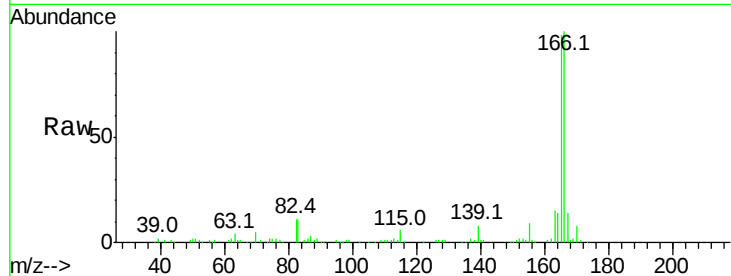




#57
Fluorene
 Concen: 4.24 ng
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

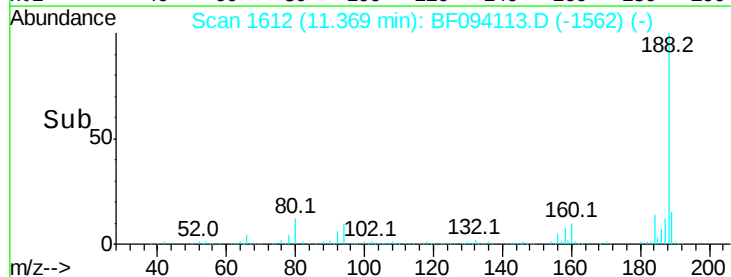
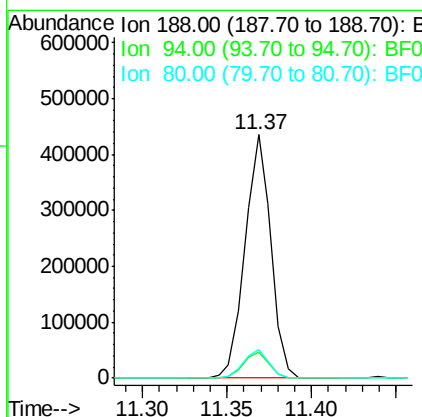
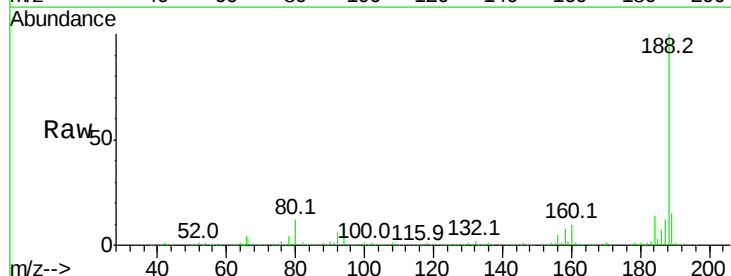
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-12-13-BASE

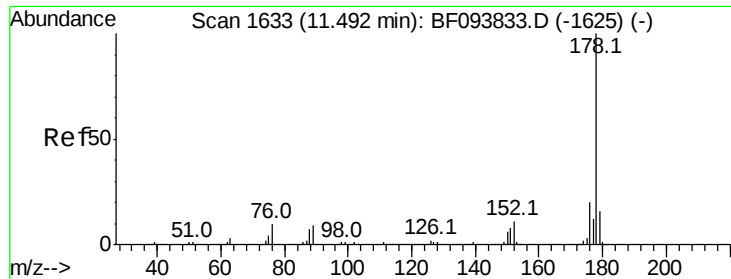
Tot Ion:166 Resp: 89751
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.8 118.2
 167 14.4 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Tgt Ion:188 Resp: 464175
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.6 10.2 15.2

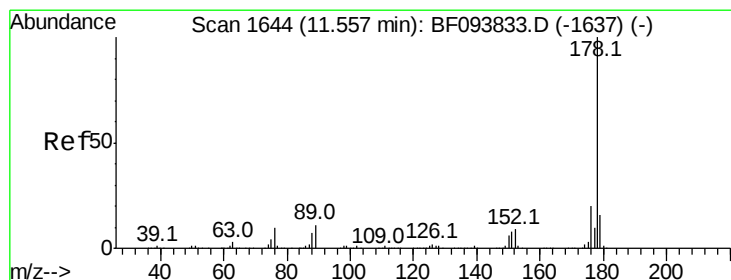
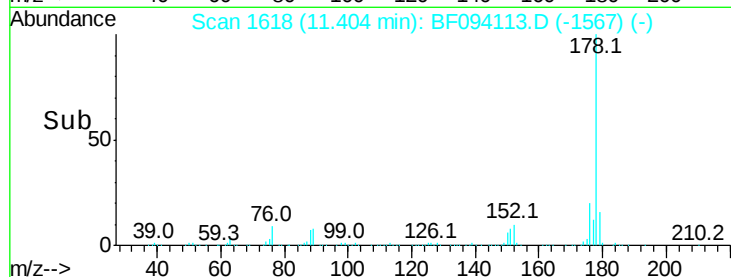
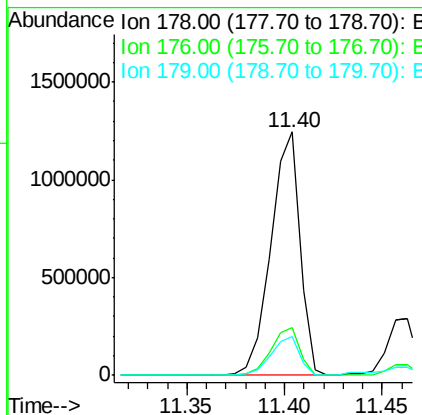
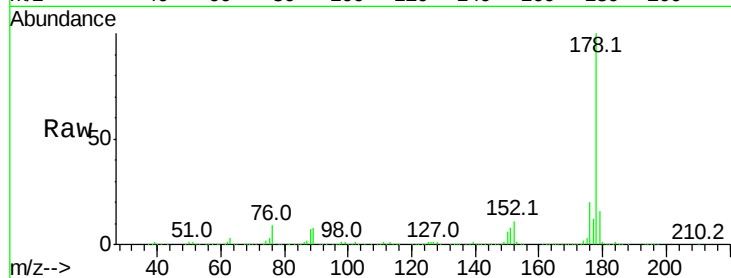




#70
 Phenanthrene
 Concen: 49.84 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

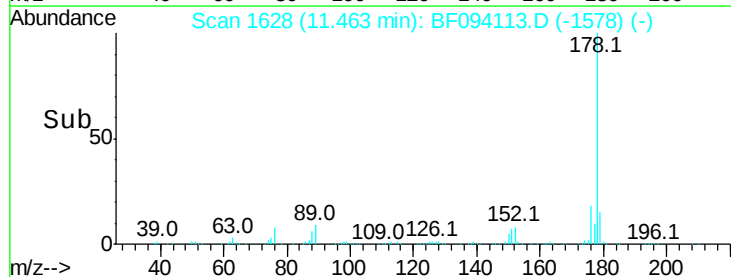
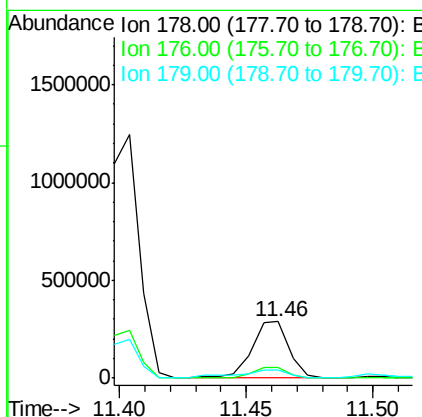
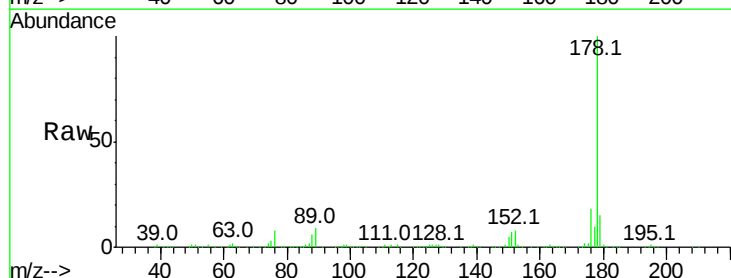
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-12-13-BASE

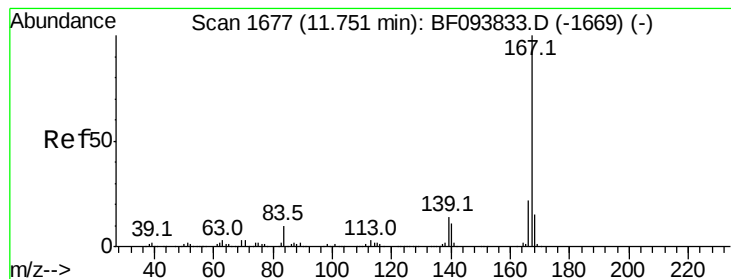
Tot Ion:178 Resp: 1286934
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.7 12.6 19.0



#71
 Anthracene
 Concen: 11.05 ng
 RT: 11.46 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Tgt Ion:178 Resp: 293855
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 14.8 12.7 19.1





#72

Carbazole

Concen: 5.81 ng

RT: 11.66 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

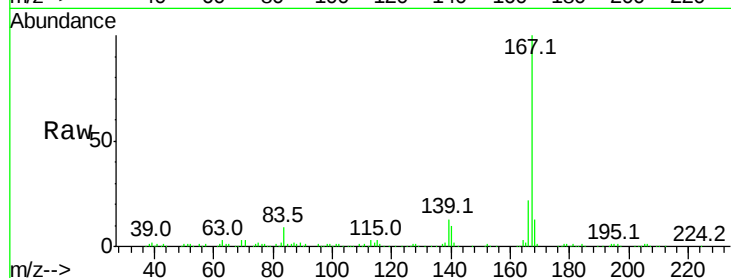
Tot Ion:167 Resp: 158415

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

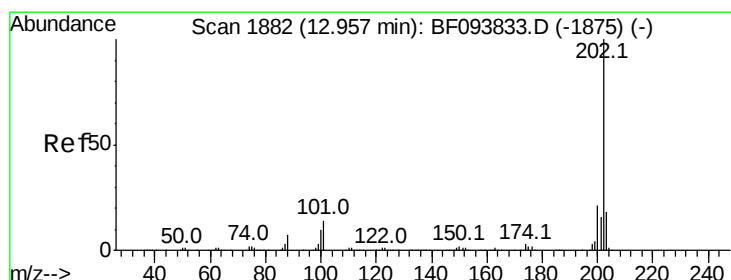
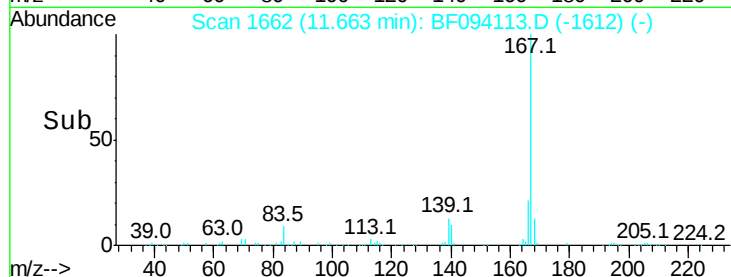
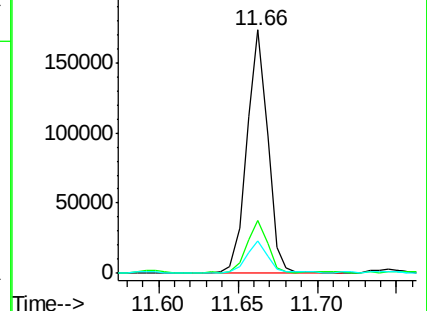
139 13.3 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 61.44 ng

RT: 12.87 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

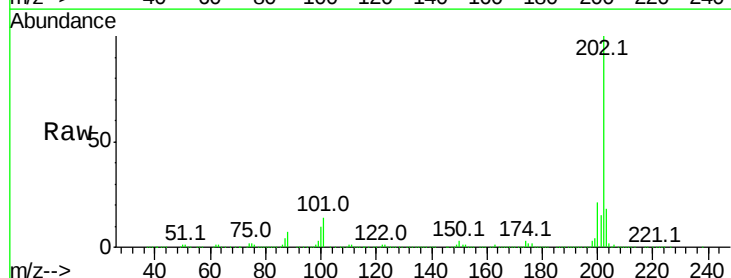
Tgt Ion:202 Resp: 1624434

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

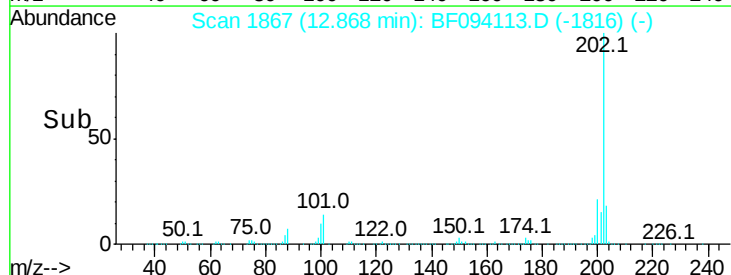
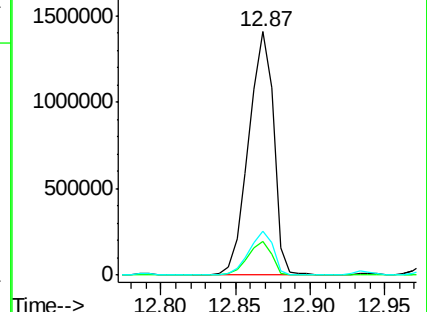
203 18.2 0.0 38.1

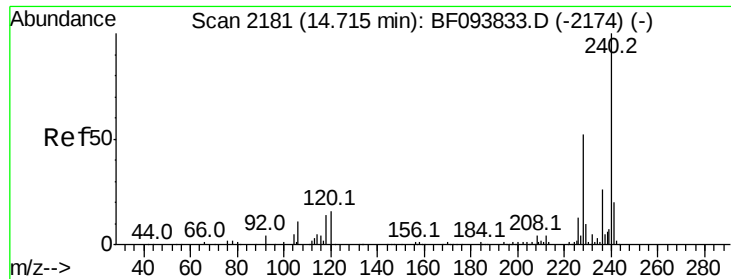


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

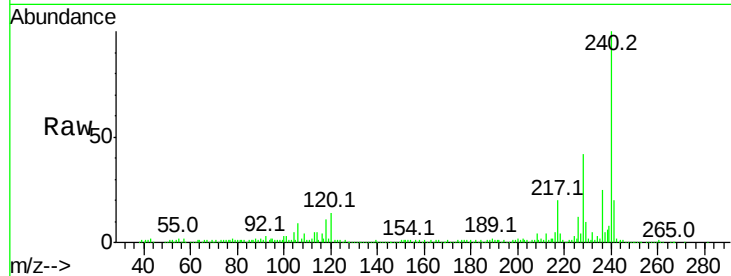
Tot Ion:240 Resp: 317307

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

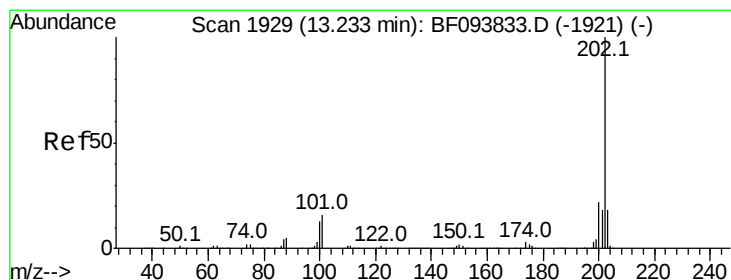
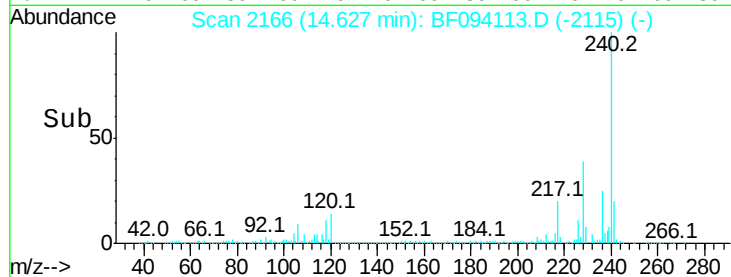
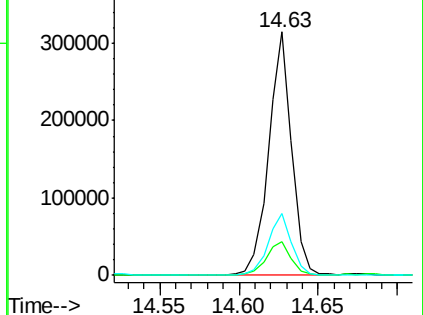
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 61.41 ng

RT: 13.14 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

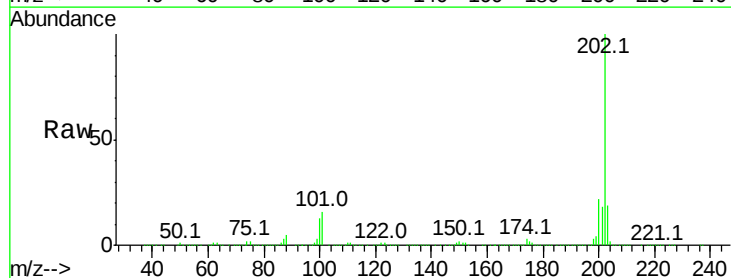
Tgt Ion:202 Resp: 1414267

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

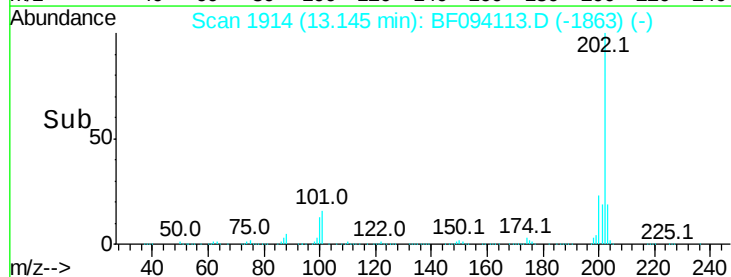
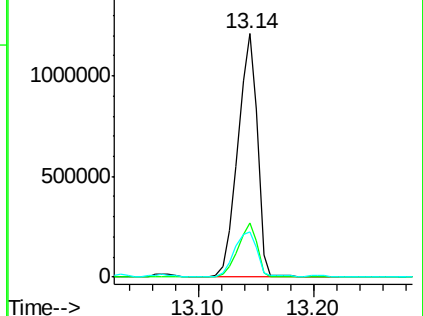
203 18.6 14.4 21.6

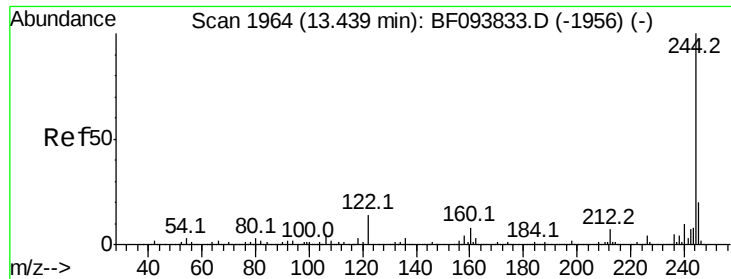


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

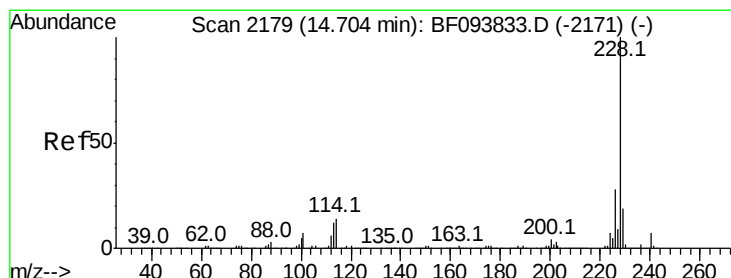
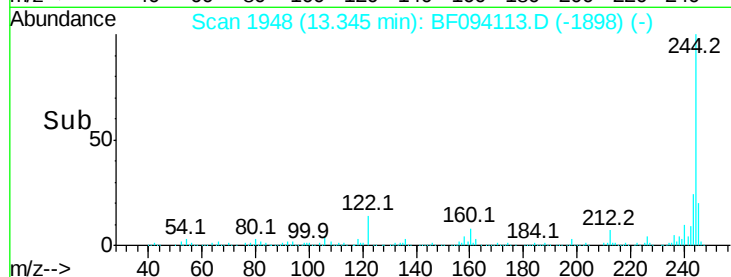
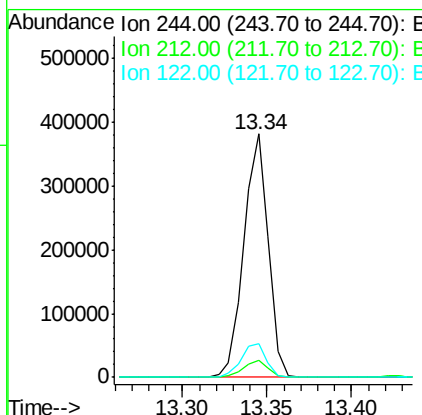
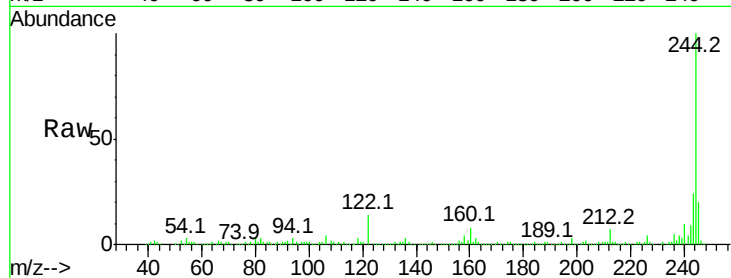




#78
 Terphenyl-d14
 Concen: 27.19 ng
 RT: 13.34 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

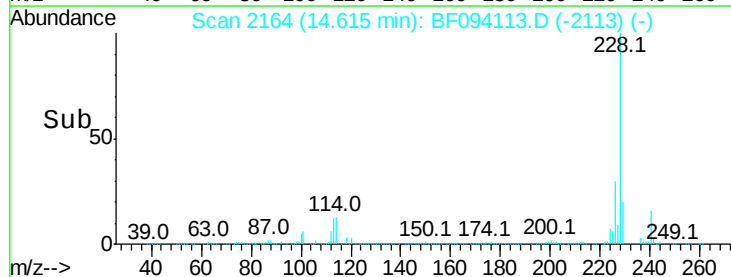
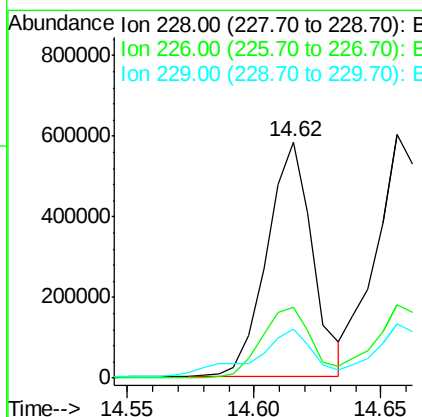
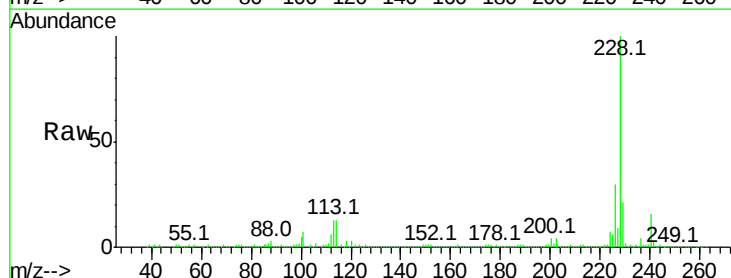
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q-P-12-13-BASE

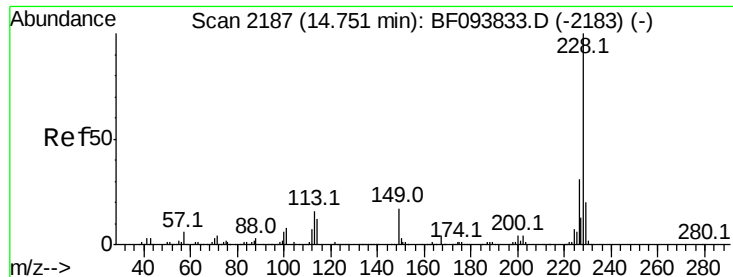
Tot Ion:244 Resp: 384947
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.8 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 39.79 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BF094113.D
 Acq: 1 Apr 2017 1:22

Tgt Ion:228 Resp: 736222
 Ion Ratio Lower Upper
 228 100
 226 30.1 22.6 33.8
 229 20.5 16.3 24.5





#82

Chrysene

Concen: 42.31 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

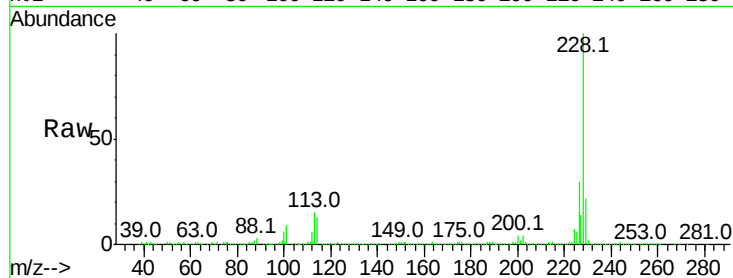
Tot Ion:228 Resp: 726433

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

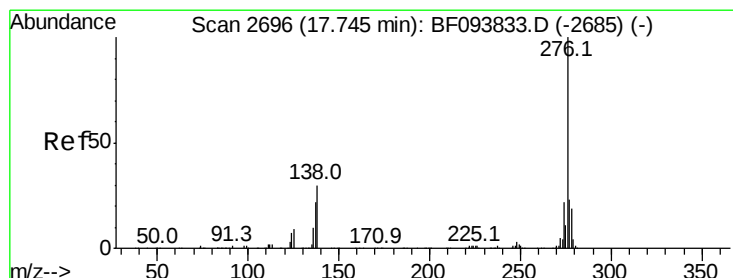
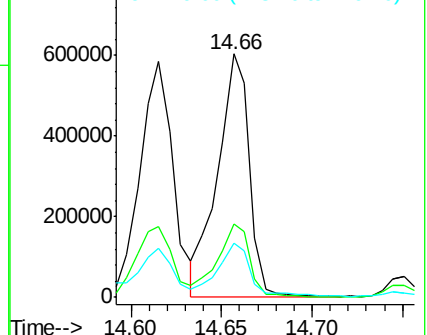
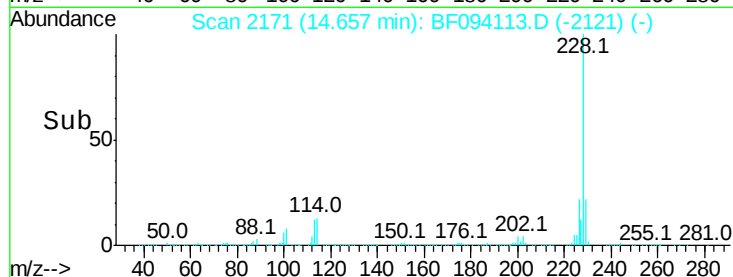
229 22.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 25.08 ng

RT: 17.61 min Scan# 2673

Delta R.T. -0.00 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

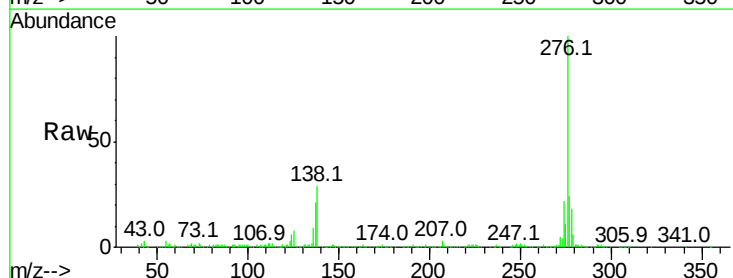
Tgt Ion:276 Resp: 372949

Ion Ratio Lower Upper

276 100

138 29.0 27.8 41.6

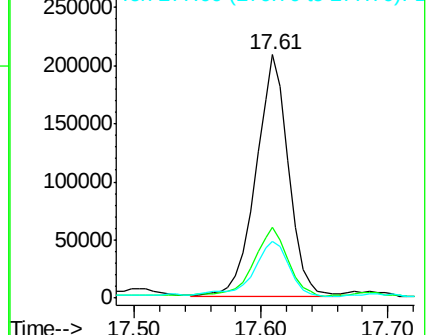
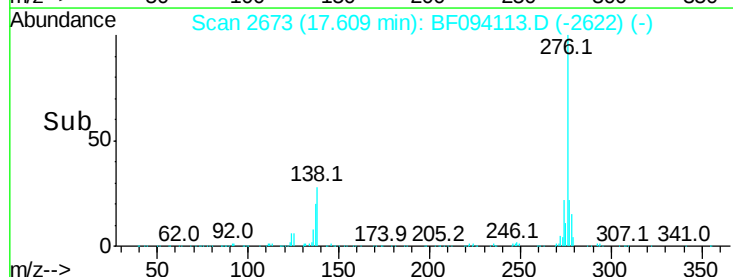
277 25.0 20.2 30.4

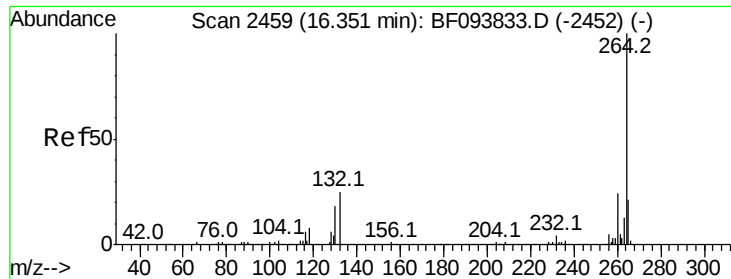


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

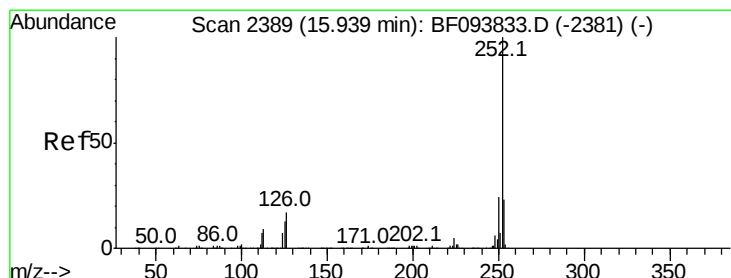
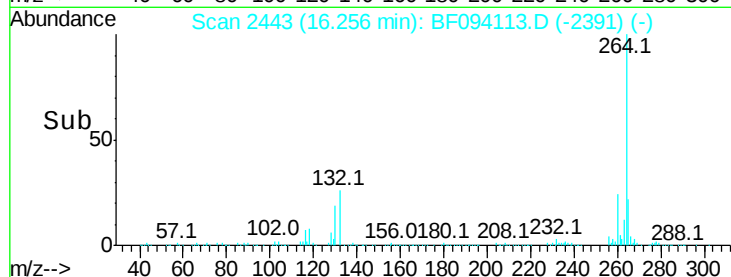
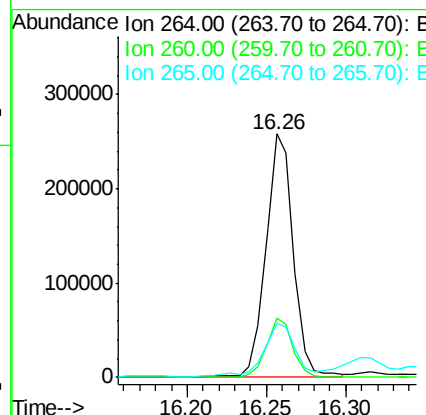
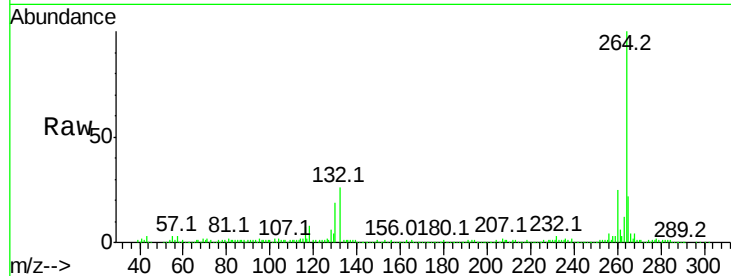




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

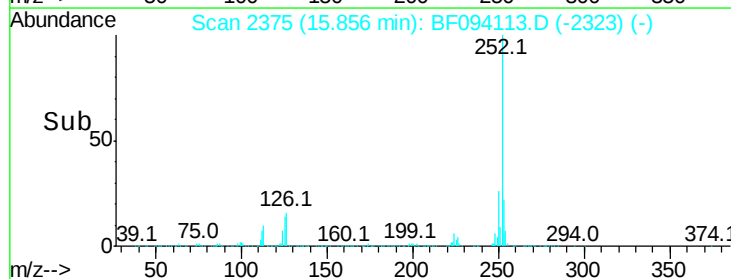
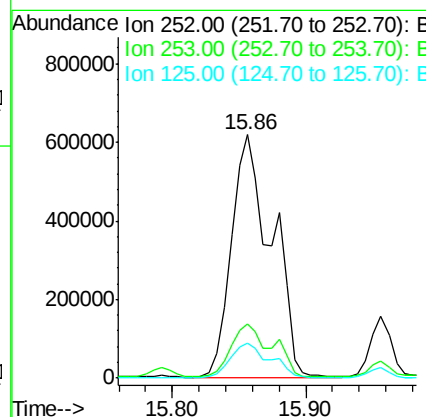
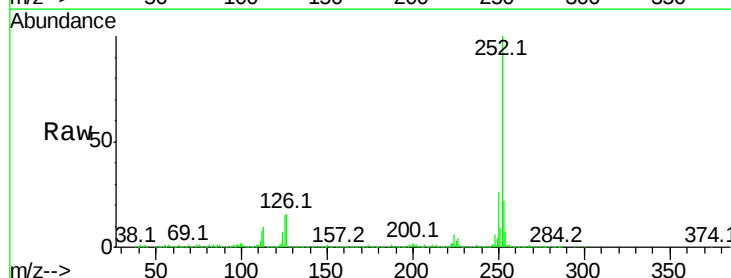
Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

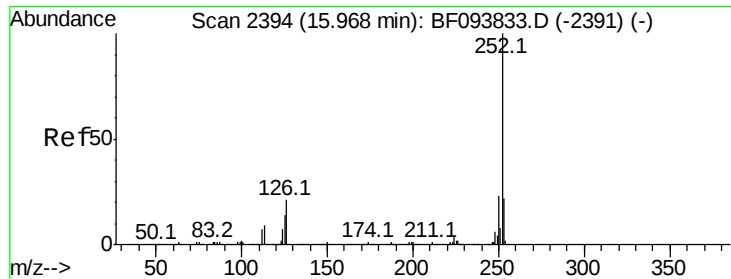
Tot Ion:264 Resp: 310507
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 22.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 68.33 ng
RT: 15.86 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:252 Resp: 1300549
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 14.6 9.8 14.8

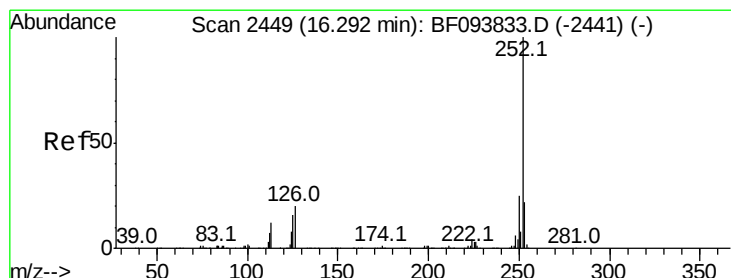
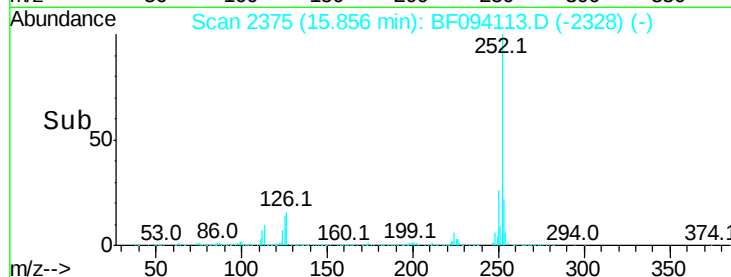
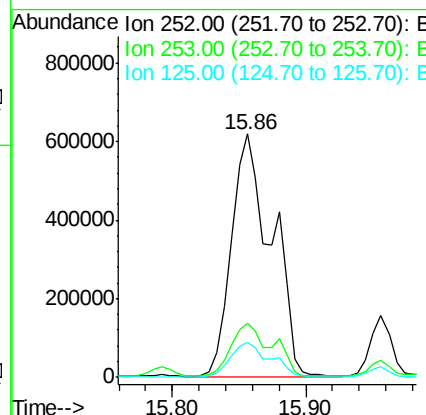
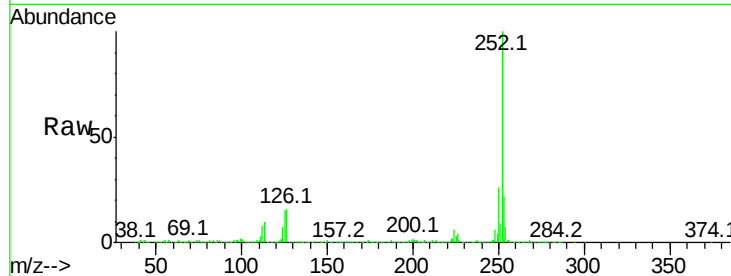




#88
Benzo(k)fluoranthene
Concen: 69.84 ng
RT: 15.86 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

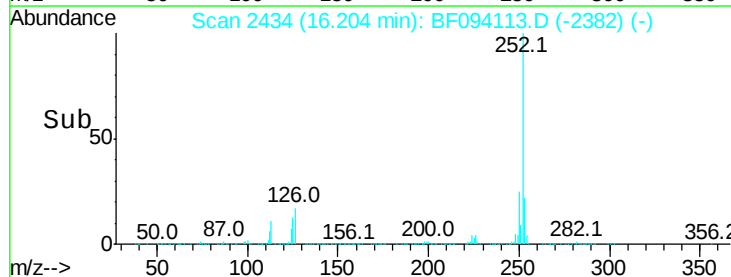
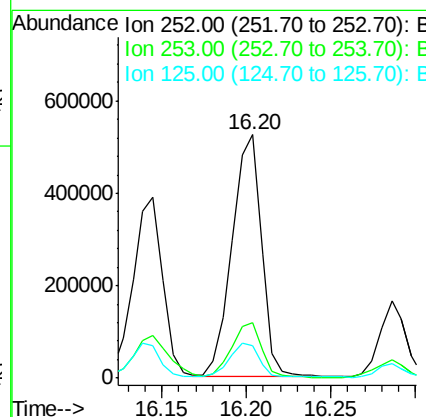
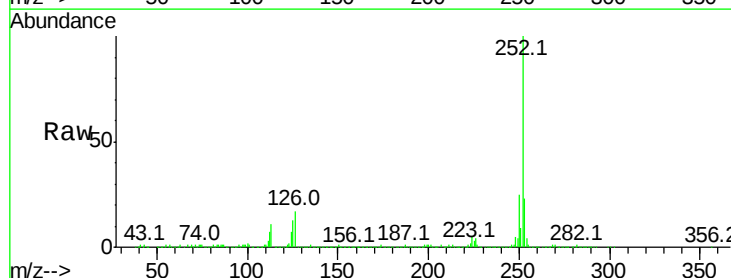
Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

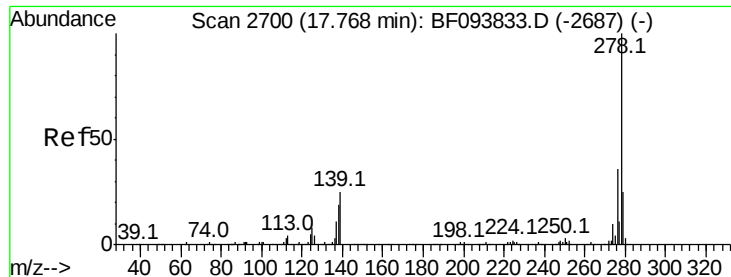
Tot Ion:252 Resp: 1300549
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 14.6 13.1 19.7



#89
Benzo(a)pyrene
Concen: 36.12 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:252 Resp: 633094
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.5 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 6.80 ng

RT: 17.62 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Instrument :

BNA_F

ClientSampleId :

E2-Q-P-12-13-BASE

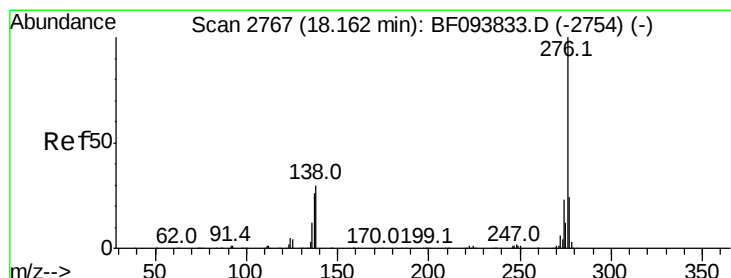
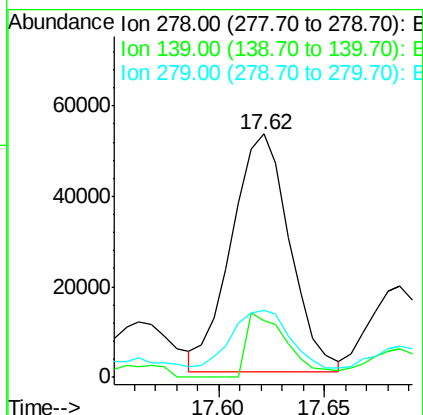
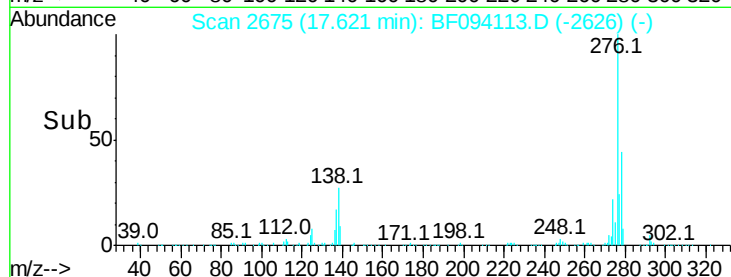
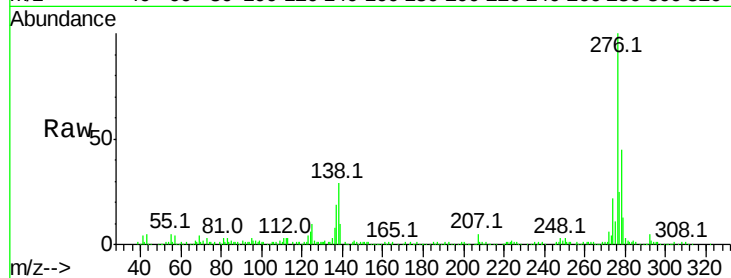
Tot Ion:278 Resp: 101002

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

279 27.6 19.3 28.9



#91

Benzo(g,h,i)perylene

Concen: 21.52 ng

RT: 18.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BF094113.D

Acq: 1 Apr 2017 1:22

Tgt Ion:276 Resp: 321924

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.4 25.4 38.0

